

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079280.D
 Acq On : 28 Jun 2024 13:58
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024

Quant Time: Jun 29 06:05:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 05:53:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	150472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	289474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	270249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19766	10.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.340%#		
35) Dibromofluoromethane	7.810	113	19900	10.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.940%#		
50) Toluene-d8	10.269	98	75849	11.096	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	22.200%#		
62) 4-Bromofluorobenzene	12.569	95	21109	9.630	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.260%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	18560	10.913	ug/l	92
3) Chloromethane	2.146	50	27908	10.822	ug/l	96
4) Vinyl Chloride	2.281	62	30028	10.442	ug/l	97
5) Bromomethane	2.681	94	32461	10.824	ug/l	97
6) Chloroethane	2.834	64	22395	10.979	ug/l	98
7) Trichlorofluoromethane	3.164	101	35876	10.907	ug/l	92
8) Diethyl Ether	3.593	74	9891	10.223	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	22327	10.925	ug/l	96
10) Methyl Iodide	4.158	142	8989	10.140	ug/l #	87
11) Tert butyl alcohol	5.069	59	5886m	58.460	ug/l	
12) 1,1-Dichloroethene	3.928	96	20924	10.577	ug/l	97
13) Acrolein	3.793	56	10728	53.876	ug/l	93
14) Allyl chloride	4.558	41	24932	9.875	ug/l	85
15) Acrylonitrile	5.246	53	21773	49.374	ug/l	98
16) Acetone	4.017	43	16472	46.123	ug/l	92
17) Carbon Disulfide	4.264	76	71378	10.271	ug/l	99
18) Methyl Acetate	4.558	43	9863	9.506	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	38016	9.379	ug/l	97
20) Methylene Chloride	4.793	84	35868	10.176	ug/l #	88
21) trans-1,2-Dichloroethene	5.305	96	23225	10.448	ug/l	92
22) Diisopropyl ether	6.211	45	57178	10.409	ug/l #	88
23) Vinyl Acetate	6.152	43	197549	47.510	ug/l	93
24) 1,1-Dichloroethane	6.111	63	40088	10.409	ug/l	95
25) 2-Butanone	7.093	43	23811	47.858	ug/l	90
26) 2,2-Dichloropropane	7.075	77	31207	10.264	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	24509	10.064	ug/l	89
28) Bromochloromethane	7.422	49	16577	10.323	ug/l #	69
29) Tetrahydrofuran	7.452	42	14974	48.447	ug/l #	85
30) Chloroform	7.593	83	42277	10.642	ug/l	100
31) Cyclohexane	7.875	56	34803	10.881	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	34720	10.648	ug/l	98
36) 1,1-Dichloropropene	8.005	75	28354	9.605	ug/l	95
37) Ethyl Acetate	7.175	43	9064	8.066	ug/l #	87
38) Carbon Tetrachloride	7.987	117	30551	10.191	ug/l	94
39) Methylcyclohexane	9.275	83	31253	8.998	ug/l	95
40) Benzene	8.246	78	91104	9.892	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	5506	8.914	ug/l #	12
42) 1,2-Dichloroethane	8.322	62	22411	10.117	ug/l	99
43) Isopropyl Acetate	8.357	43	20247	9.336	ug/l	98
44) Trichloroethene	9.028	130	21670	10.300	ug/l	94
45) 1,2-Dichloropropane	9.304	63	22590	10.073	ug/l	95
46) Dibromomethane	9.393	93	13395	10.532	ug/l #	86
47) Bromodichloromethane	9.587	83	30224	9.711	ug/l	93
48) Methyl methacrylate	9.381	41	8946	9.142	ug/l	91
49) 1,4-Dioxane	9.375	88	3065	235.169	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	53969	47.820	ug/l	97
52) Toluene	10.334	92	53172	9.483	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	27085	9.636	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	32958	9.772	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	16550	10.089	ug/l	91
56) Ethyl methacrylate	10.593	69	18375	11.441	ug/l	93
57) 1,3-Dichloropropane	10.875	76	27469	9.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	39988	56.199	ug/l	90
59) 2-Hexanone	10.916	43	35670	44.507	ug/l	95
60) Dibromochloromethane	11.069	129	21164	10.221	ug/l	98
61) 1,2-Dibromoethane	11.175	107	15230	10.127	ug/l	94
64) Tetrachloroethene	10.804	164	16571	9.841	ug/l #	81
65) Chlorobenzene	11.604	112	59553	9.907	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.675	131	20274	9.909	ug/l	96
67) Ethyl Benzene	11.681	91	94473	9.007	ug/l	94
68) m/p-Xylenes	11.787	106	75030	18.545	ug/l	89
69) o-Xylene	12.116	106	32952	9.067	ug/l	87
70) Styrene	12.134	104	57816	8.920	ug/l	93
71) Bromoform	12.298	173	11358	10.236	ug/l #	99
73) Isopropylbenzene	12.416	105	83153	9.020	ug/l	100
74) N-amyl acetate	12.234	43	20793	10.276	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	20552	10.694	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	12295m	9.995	ug/l	
77) Bromobenzene	12.698	156	20102	9.693	ug/l	74
78) n-propylbenzene	12.757	91	110080	9.327	ug/l	93
79) 2-Chlorotoluene	12.845	91	62979	9.545	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	72178	9.247	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	6751	10.094	ug/l	97
82) 4-Chlorotoluene	12.940	91	67758	9.774	ug/l	92
83) tert-Butylbenzene	13.163	119	56253	8.897	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	72862	9.326	ug/l	91
85) sec-Butylbenzene	13.340	105	93332	9.277	ug/l	95
86) p-Isopropyltoluene	13.457	119	74790	9.007	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	43639	9.896	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	43813	9.997	ug/l	92
89) n-Butylbenzene	13.787	91	74538	9.148	ug/l	96
90) Hexachloroethane	14.051	117	19006	10.406	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	37629	9.916	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2767	10.502	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	18541	9.163	ug/l	95
94) Hexachlorobutadiene	15.198	225	10847	9.640	ug/l	99
95) Naphthalene	15.328	128	35202	8.913	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.516	180	15904	8.889	ug/l	95

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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